WIRE NETTING and WINDOW BLIND MANUFACTORY. To her Majesty's Honourable Board of Ordnance, and the Honourable East India Company.—Wire Netting, by the square foot; Galvanized ditto, requiring no paint. Wire Blinds, in made-up easy frames, and bolts, complete, 1s. 1d. and 1s. 6d. Fine ditto, 2s. 6d. per foot; Venetian, 3d. per foot; Hall and Bed; Fine ditto, 2s. per foot; Venetian, 3d. per foot; Hall and Bed; Transparent and Window Blinds of all kinds. Old blinds repaired, repainted, and written upon. Wire work for fencing, garden arches, seats, pheasantries, aviaries, and fire-guards, screens of every description of pattern; Fire and partway guards, and every article in iron and wire, at the CITY of LONDON WIRE-WORK, IRON FENCE, and HEATING MANUFACTORY, 44, Chiswell-street, and 4 and 5, Sheer-hall, London. Every Town, &c., in Chiswell-street, and 4 and 5, Sheer-hall, London. Every information, with samples of specimens and illustrated catalogue, forwarded post free. Wove wire for paper makers, millers, chemists, and for the East and West Indies.

IRON and BRASS CASTINGS at very REDUCED PRICES.—Builders, Engineers, Railway Companies, and others requiring Cast-Iron or Brass Work, may be supplied to any extent at very reduced prices.—Apply to Mr. APPLETON, 2, Beckford-row, who will furnish estimates for every description of work, upon rendering drawings or particulars.

SAMUEL HOOD and Co., Castings Warehouse, 81, Upper Thames-street. REGISTERED STABLE FITTINGS. Enamelled Mangers, with double hay racks, or with enamelled water-cistern on one side.—Also, girders, columns, hot water pipes, rain water pipes, sinks, gutters, and weights, &c., at the lowest prices.

TO ARCHITECTS, BUILDERS, AND BRICK-MAKERS.

PUMPS of Superior CONSTRUCTION, bored perfectly true by improved machinery, 16 various plain and ornamental patterns for Compartments, Squares, Market Places, Roads, Gardens, and for Liquid Manure. BRICK-MAKERS' PUMPS, to Wrought and Cast Iron. HYDRAULIC LIFT PUMPS, and ENGINES for Wells of any depth. SINGLE and DOUBLE PUMPS up to twelve-inch bore. Kept for Hire.

BENJ. FOWLER (late of 63, Dorset-street), removed to the new Factory, Whitefriars-street, Fleet-street.

FARM AND COTTAGE PUMPS.

PATENT CAST-IRON PUMPS, for the use of Farms, Cottages, Manure Tanks, and Shallow Wells.

Patent Pump	£1 14 0
Patent Pump, with 15 feet of lead pipe and brackets and bolts and nuts ready for fixing	£2 2 0

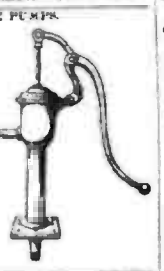
Larger sizes if required.

May be obtained of any Ironmonger or Plumber in Town or Country, or of the Patentees and Manufacturers,

JOHN WARNER and SONS, 8, Cresent, Jewin-street, London.

Every description of Machinery for Raising Water, Fire, Engines, &c.

The usual allowance to the Trade.



IMPORTANT SANITARY IMPROVEMENT.—The cheapest and most effectual preventive of Stench and Noxious Vapours arising from Sewers, Drains, Cesspools, &c., is

BUNNETT'S PATENT SELF-ACTING AND SELF-CLEANSING EFFLUVIA TRAPS.

Thousands have now been used in all parts of the kingdom with uniform success. See testimonials, &c., which may be had at the Office, 98, Lombard-street.

Perfect action and durability are guaranteed.

BUNNETT AND CO., ENGINEERS AND PATENTEES OF REVOLVING IRON AND WOOD SHUTTERS, METAL SASHES, DOUBLY TRAPPED SELF-ACTING WATER-CLOSETS, &c. &c.

Office, 98, Lombard-street; Works, Deptford, Kent.

TO ARCHITECTS, BUILDERS, &c.
ATTENTION IS REQUESTED TO THE

DIRECT ACTION BALL TAPS,
Invented and patented by H. THOMPSON, C.E.

In these Taps the old-fashioned lever is done away with, whose leaning action, whilst the water was being admitted, soon wore out the cone, and rendered the cock unsound.

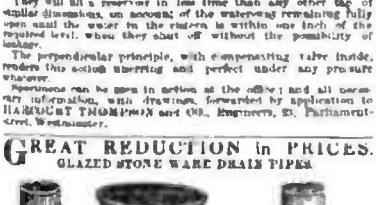
The Direct-Action Ball Taps respond step up or down, thereby either flooding or lowering pressure with the water; a fault which all similar contrivances possess in an eminent degree.

They will fill a reservoir in less time than any other tap of similar dimensions, on account of the waterway remaining fully open until the water in the cistern is within one inch of the required level, when they shut off without the possibility of leakage.

The perpendicular principle, with compensating valve inside, renders this action unerring and perfect under any pressure whatever.

Specimens can be seen in action at the office; and all necessary information, with drawings, forwarded by application to HARBOURT THOMPSON and CO., Engineers, 29, Parliament-street, Westminster.

GREAT REDUCTION in PRICES.
GLAZED STONE WARE DRAIN PIPES.



DAVID MOUNTAGUE (late Turner and Mountague), Leigh Pottery, near Southend, Essex, now offer to the public Glazed Stone Ware Drain Pipes of the best quality at the following reduced prices:—

Straight Tubes with Socket Joints, in 3 feet lengths.

2 in.	3 in.	4 in.	6 in.	9 in.	12 in.	15 in.	18 in.
3d.	3½d.	4½d.	6d.	10d.	1s. 4½d.	2s. 3d.	3s. 3d. per foot.

Cheek pans as each; Traps 3s.; Bends, Junctions, Pillcan, Jars, Bottles, Channels, &c. &c. at reduced prices in proportion. A discount on the above prices dependent on quantity and mode of payment. Orders received at and executed from his Wharfs, Falcon Wharf, 69, Rankside, Blackfriars; Harrow-bridge Wharf, Stratford, Essex; and at his Cement Works, Orchard-house, Rochwell.

EXHIBITION BUILDING.

Why are JENNINGS' CLOSETS selected for the superior Refreshment Courts?

Because those fitted at the offices of Messrs. Fox, Henderson and Co. gave much satisfaction, consequently, Mr. Fox selected them for the superior Refreshment Courts on each side the Transept.

The whole of them are supplied from one Main Pipe without the usual valves, cranks, valves, &c. Yet the Basin is flushed when the Handle is raised, and the usual quantity retained when the Handle is down.

Q. Jennings will be happy to explain how he has managed this to any Architect or Plumber.

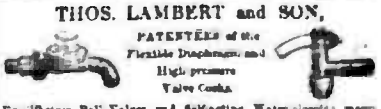
JENNINGS' PATENT SHUTTER SHOES may be seen in every part of London, and can be had at JENNINGS' INDIA RUBBER TUBE, COCK, and CLOSET MANUFACTORY, 29, Great Charlotte-street, Blackfriars-road; or from any Ironmonger.

"THE ATTENTION OF ARCHITECTS, BUILDERS, PLUMBERS, AND OTHERS VISITING THE EXHIBITION IS INVITED TO
JENNINGS' CONTRIBUTIONS IN CLASS 23."

DRAIN PIPE WORKS.—T. SMITH,
ORIGINAL LAMBETH POTTERY,
78, PRINCES-STREET, LAMBETH.

Builders, Contractors, and others, are invited to judge for themselves as regards the quality, &c., of the SALT-GLAZED and GLASS-LINED DRAIN PIPES.—A list of prices and terms may be had upon application, or forwarded per post.

THOS. LAMBERT and SON,
PATENTEES of the
Flexible Diaphragm and
High-pressure
Valve Cocks.



Equilibrium Ball Valves, and Self-acting Water-closets; manufacturers of Hydraulic, Gas, and Steam Fittings, Tin, Lead, and Composition Pipes.

SHORT-STREET, NEW CUT, LAMBETH, LONDON.

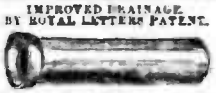
HOUSE DRAINAGE and SEWERAGE.

The most economical and efficient system of drainage is formed with DOULTON'S STONEWARE PIPES. Testimonials as to their superiority have been received from the Borough Engineers of Liverpool, Glasgow, and other cities.

Arrangements can be made for constructing them, free of charge, to many of the ports and railway stations throughout the kingdom.

Liverpool Pottery, 64, Holeta. J. DOULTON, Jun.

IMPROVED DRAINAGE,
BY ROYAL LETTERS PATENT.



STANDING, FRANKLIN, & STANDING,
Sole Patentees and Manufacturers of the PATENT GLAZED STONE WARE SEWAGE PIPE, offices, 27, Cornhill, entrance in Change-alley; Factory, Brunton's Wharf, Commercial-road, Limehouse.

By employing their patent machinery, S. F. and S. are enabled to produce a pipe for sewage and other purposes in every way far superior to those made by any other process, but more especially in those qualities so absolutely essential to a perfect, and cleanly mode of drainage. From the great and uniform amount of pressure, and peculiar construction of the machinery allowing the air to escape, used in manufacturing, their pipes are entirely free from air bubbles, proving their greater strength, durability, and entirely preventing the contents percolating through; they are much smoother on the inside, insuring a perfect passage for the sewage, and preventing any deposit.

Specimens may be seen at the offices, 27, Cornhill, where prices, &c., may be obtained, and licenses granted for the use of the patent machine.

JAMES STIFF, MANUFACTURER of GLAZED STONE WARE DRAIN PIPES,
BENDS, JUNCTIONS, TRAPS, &c., 28, HIGH STREET, LAMBETH, LONDON. Established 1751.
Water Closet Pans, with Syphon Traps, 7s. 6d. each.

STRAIGHT TUBES, with Socket Joints, in 3 feet lengths.

N.B. These are made without the Diaphragm-hole being turned down-wards.

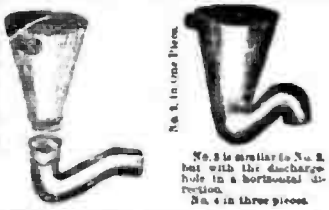
The great advantages attending the use of these articles are now so generally understood, as to render any enumeration of them almost superfluous. Their cheapness, efficiency, and durability, are universally admitted; while the rapidly increasing demand for them proves their estimation superiority over every other kind hitherto before the public for similar purposes.

Inspection is invited to an assorted stock of Drain Tubes, of every form and size, adapted to the various situations in which they may be required, as also to the WATER-CLOSET PANS OF IMPROVED CONSTRUCTION, and interior glaze for earthenware and other manufactured of Brown Stone Ware.

May be had also at Messrs. GLADDISH'S LIME WHARFS, Pedlar's Acre, Westminster-bridge; Cotterell Wharf, City Basin; Deptford, Bermondsey; Brewery Wharf, foot of Battersea-bridge; Clement Press Wharf, Kingsland, Camden New Town.

Drawings and List of Prices will be forwarded on application.

DOULTON and WATTS, LAMBETH POTTERY, HIGH-ST. LAMBETH, LONDON.



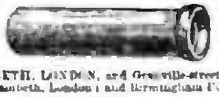
No. 2 is similar to No. 1, but with the discharge-hole in a horizontal direction.

No. 4 in three pieces.

CHEAP WATER-CLOSET PANS,
with Syphon Trap,
IN GLAZED STONE WARE,
PRICE 7s. 6d. EACH.

The annexed WATER-CLOSET PANS are of the most simple yet perfect construction; they are CLEANLY and IMPERISHABLE, require no metal fan, and the price at which they are offered is so low, as to admit of a extensive adoption.

HENRY DOULTON AND CO.'S DRAIN PIPES IN GLAZED STONE WARE.



OFFICES—HIGH-STREET, LAMBETH, LONDON, and Granville-street Wharf, Broad-street, Birmingham.
MANUFACTORIES—High-street, Lambeth, London; and Birmingham Pottery, Hockley Heath, Staffordshire.

May also be had as follows:—

BIRMINGHAM.....Granville-street Wharf	CHELTENHAM.....Mr. J. Blizard
GLOUCESTER.....Mr. Jesse Brunsdon	LEICESTER.....Messrs. J. and W. Pickwell
NORTHAMPTON.....Messrs. Adnitt and Greenough	WOLVERHAMPTON.....Mr. H. Shelton
WORCESTER.....Messrs. Bowland and Sons.	TAUNTON.....Mr. Geo. Pollard.

TESTIMONIALS as to the superiority of these Pipes have been received from Messrs. HOPE and PHILLIPS, Surveyors to the New Metropolitan Commissioners of Sewers; and J. PIGOTT SMITH, Esq., Town Surveyor of Birmingham; H. H. HIGHAM, Esq., Surveyor of Oxford, &c. &c.

STRAIGHT TUBES WITH SOCKET JOINTS from 1 inch to 24 inches in diameter. BENDS, JUNCTIONS, TRAPS, &c. OF EVERY DESCRIPTION. Drawings, with prices, &c., will be forwarded free on application as above.

EXTRA PRESSED VITRIFIED AND GLAZED STONEWARE

AND OTHER DRAIN AND WATER PIPES, in 2 or 3 feet lengths.
Made CIRCULAR, from 1 to 24 inches diameter
and also ELLIPTICAL, from 4 by 3 to 36 by 18.

These Pipes are superior to any yet offered, being Vitrified throughout; the inside of the Pipe being of the same nature as the exterior, and consequently does away with an artificial glaze, which is liable to peel off and therefore an objectionable.

References by permission, { JAMES SIMPSON, Esq., C.E., Borough Engineer, Liverpool. / JOHN FRANCIS, Esq., C.E., Borough Surveyor, Manchester.

LICENSES GRANTED, for making Pipes with socket attached to one proved, and, by use of extra pressure and extra speed, of Direct Action of Steam under the patent.

Specimens to be seen at the Polytechnic Institution, London.

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